

Converting Colors

Hex(E67BE5)

Have a look what the booklet for
Hex(E67BE5) contains.

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Color

Hex(E67BE5)

Conversions

Conversions Part 1

Format	Color
Hex	E67BE5
RGB	230, 123, 229
RGB Percent	90%, 48%, 90%
CMY	0.0980, 0.5176, 0.1020
CMYK	0.00, 0.47, 0.00, 0.10
HSL	301°, 68%, 69%
HSV	301°, 47%, 90%
XYZ	53.8589, 36.6461, 78.3635
YIQ	167.0770, 29.7460, 55.6500

Conversions

Conversions Part 2

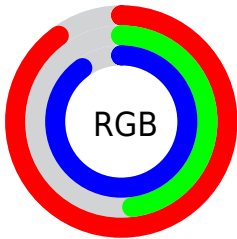
Format	Color
R _Y B	230, 123, 229
Decimal	15104997
CIE Lab	67.01, 55.95, -36.11
CIE LCh	67, 66.591, 327.162
Yxy	36.6461, 0.3189, 0.2170
Android (android.graphics.Color)	4293295077 (0xFFE67BE5)
YUV	167.0770, 30.5280, 55.1835
Hunter-Lab	60.5360, 52.8737, -34.3753

Details

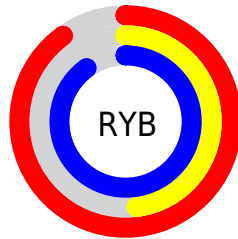
The Hex color **E67BE5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BE67C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB3FF**, and **AC45AD** is the 20% darker color. If you saturate the color by 10%, you get **E664E5**, and if you desaturate by 10%, it is **E692E5**.

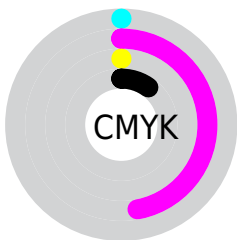
Distribution



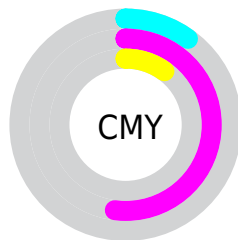
- Red (90%)
- Green (48%)
- Blue (90%)



- Red (90%)
- Yellow (48%)
- Blue (90%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (52%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67BE5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E67BE5 by changing the saturation by 10% instead.

 E67BE5

 E67BE5

FFFFFF

 C960C9

 FFB3FF

 AC45AD

 FFCFFF

 902892

 FFECFF

 750078

 5A005F

 400047

 280030

 00011A

 000000

 E67BE5

 E67BE5

 E664E5

 E692E5

 E64DE5

 E6A9E5

 E636E4

 E6C0E6

 E61FE4

 E6D7E6

 E608E4

 E6EEE6

 E600E4

 E6FFE6

 E6FFE7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9896FF



E67BE5



FF69AB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E67BE5



C69E19



00BFD8

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E67BE5



7BE67C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00BF9B



E67BE5



8CB02C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



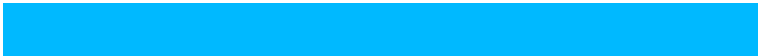
E67BE5



F3873D



31BA5F



00B9FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E67BE5



FF6B83



31BA5F



00C0C5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E67BE5



FFDBFF



7B7BE6



806A7F



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E67BE5



FF70FE



E67BB1



736773



B300B1



330033

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E67BE5



FF70FE



7BE6B1



736773



B300B1



330033

Previews

White Background



This preview shows how the Hex color E67BE5 looks on a white background.

Color Contrast Check

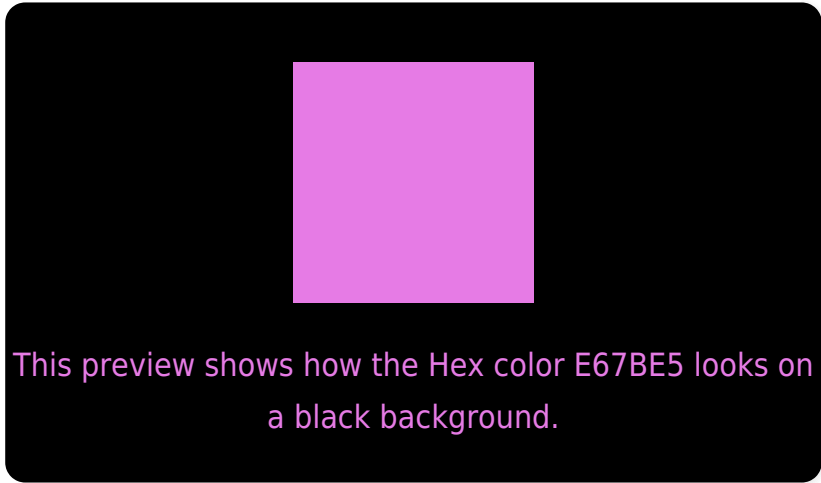
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

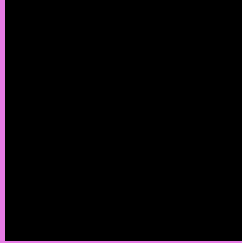
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E67BE5 Background



This preview shows how black text looks on a background with the Hex color E67BE5.

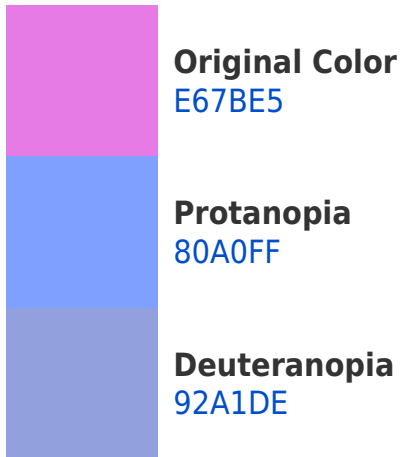


This preview shows how white text looks on a background with the Hex color E67BE5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
DC8D98

Trichromacy



Original Color
E67BE5



Protanomaly
A593F6



Deuteranomaly
B193E1



Tritanomaly
E086B4

Monochromacy



Original Color
E67BE5



Achromatopsia
A7A7A7



Achromatomaly
BE97BE

CSS Examples

Text

The CSS property to change the color of the text to Hex E67BE5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E67BE5 looks like.

```
.text, #text, p{  
    color:#E67BE5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E67BE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67BE5
}
```

Border

The CSS property to change the border of an element to Hex E67BE5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E67BE5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E67BE5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E67BE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67BE5; -webkit-box-shadow:4px 4px  
4px 4px #E67BE5; box-shadow:4px 4px 4px  
4px #E67BE5 }
```

Background

The CSS property to change the background color of an element to Hex E67BE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67BE5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E67BE5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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